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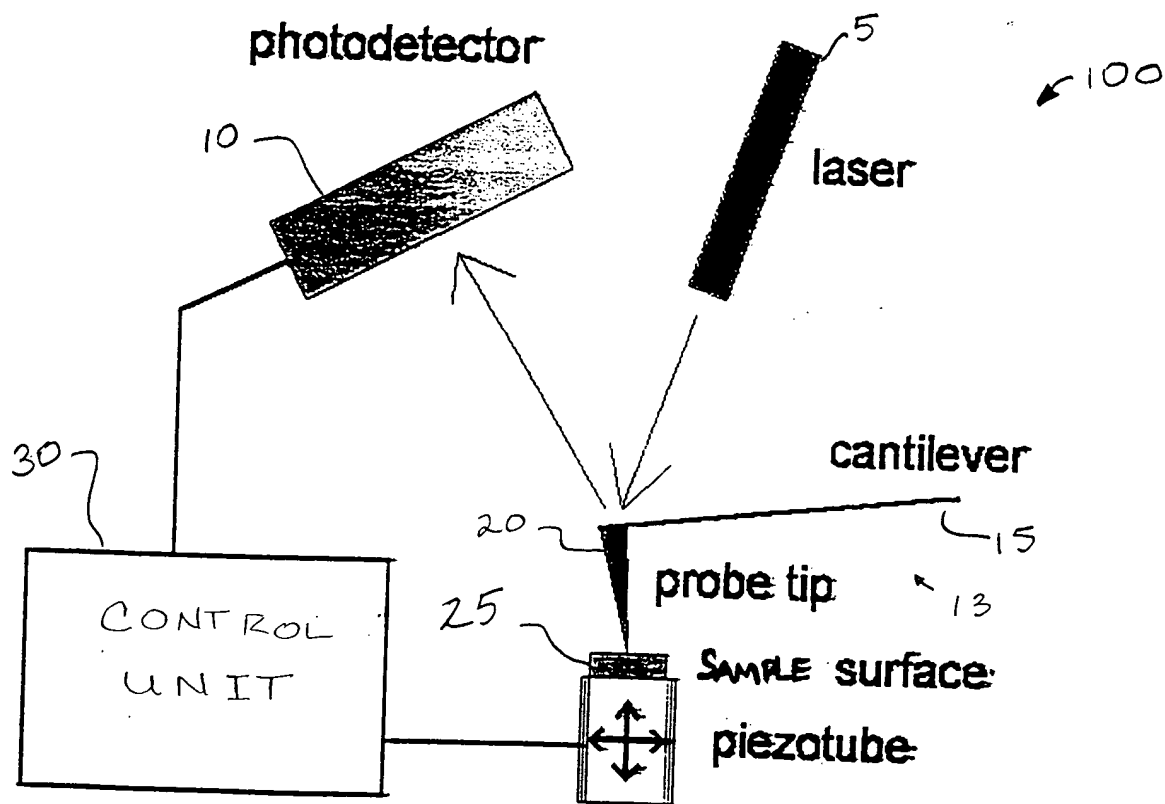


FIG. 1

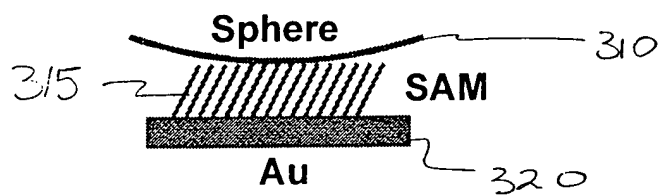
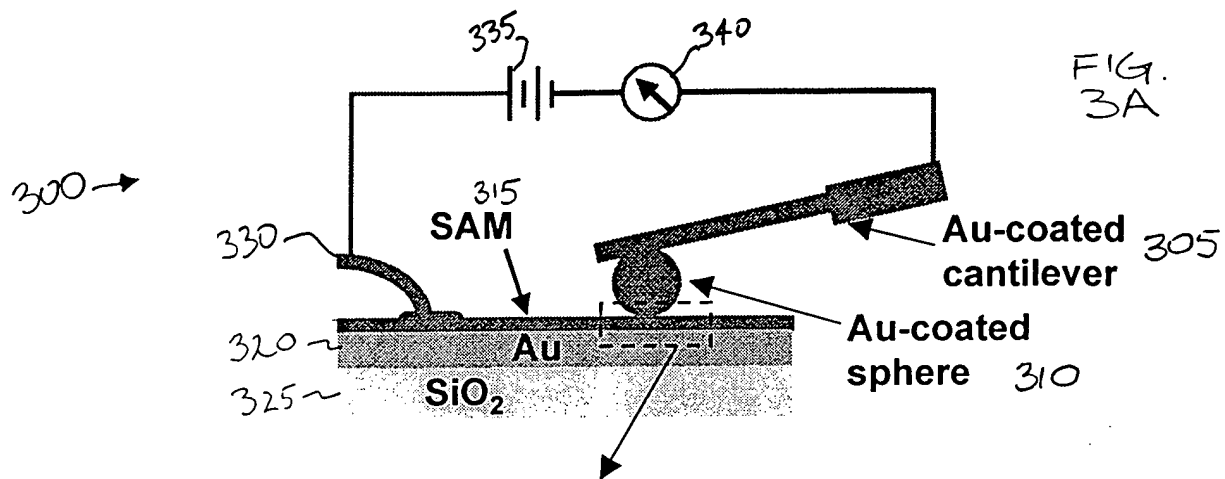
210

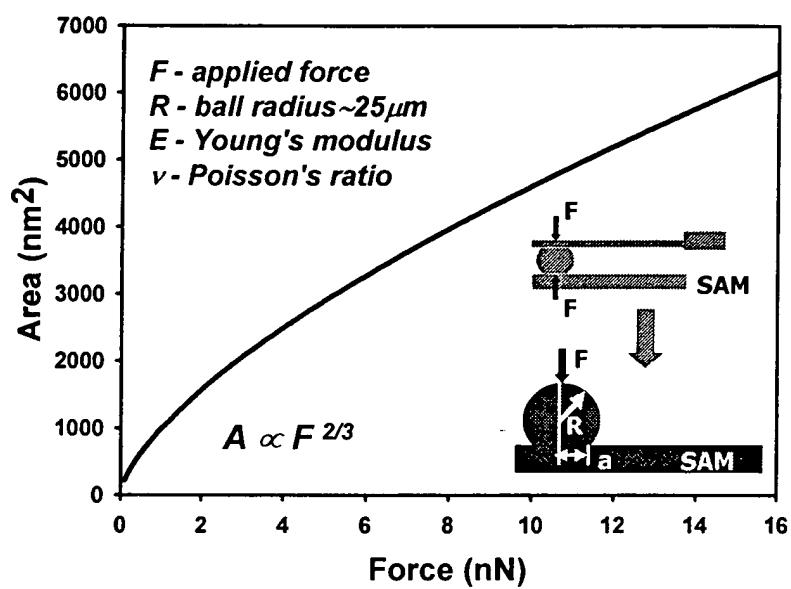
205

25kV × 300

100μm

FIG. 2





400

FIG. 4

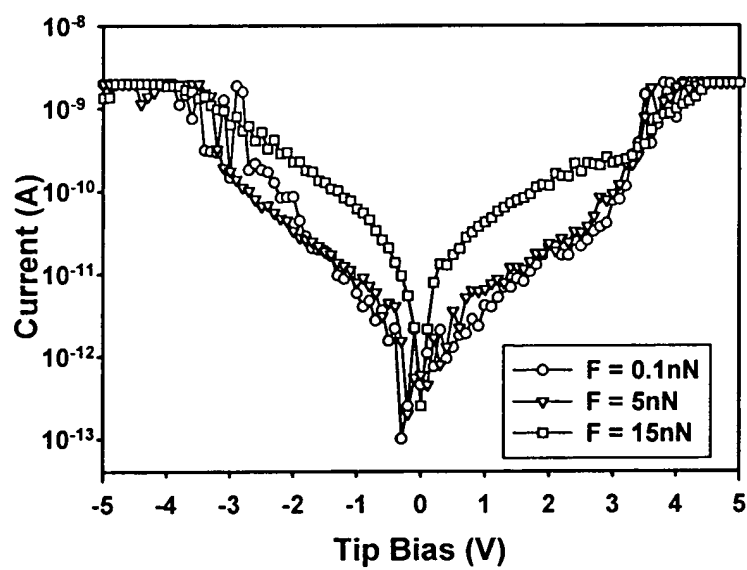


FIG. 5

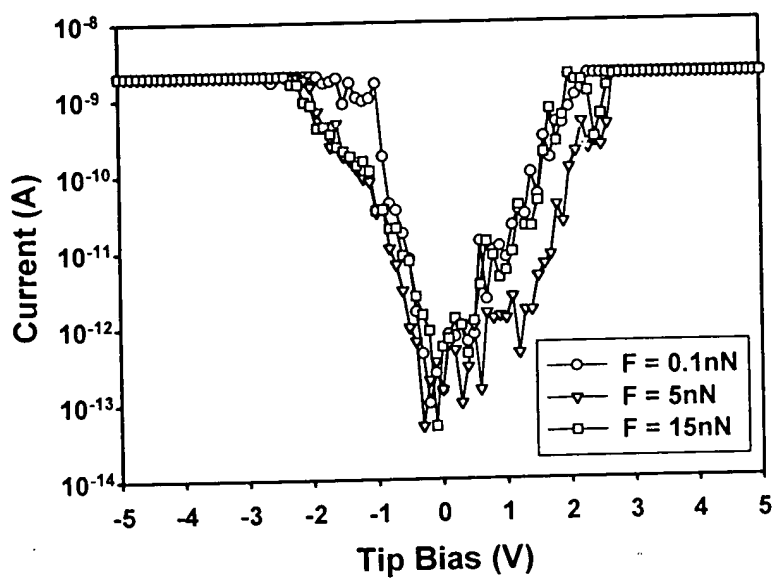


FIG. 6

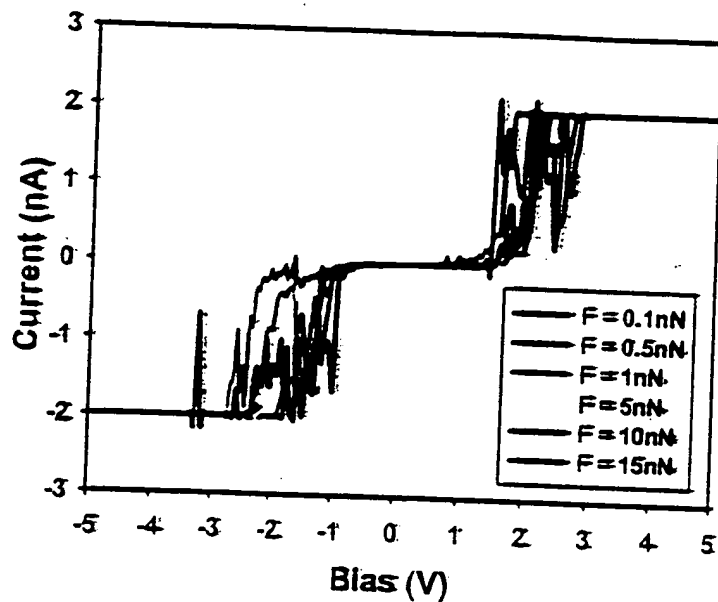


FIG. 7

I-V characteristics for a 1-Octadecanethiol monolayer self-assembled on a gold surface.
Characteristics vary relatively little for a wide range of tip forces.

